

**Archived:** Wednesday, March 09, 2016 8:12:35 AM

**From:** Chapman, Randy (DEQ)

**Sent:** Saturday, March 05, 2016 10:30:21 AM

**To:** Charlie Fitzsimmons; Diana Handy; [john.emminizer@dc.gov](mailto:john.emminizer@dc.gov); [joshua.rodriguez@dc.gov](mailto:joshua.rodriguez@dc.gov); [julia.christian@dc.gov](mailto:julia.christian@dc.gov); Monteleone, Simone; Ruhlig, David P LT

**Cc:** Glassman, Joseph (DEQ); Giese, John (DEQ); Lohman, Elizabeth (DEQ); Crowell, Lee (DEQ)

**Subject:** FW: Crystal Substation and Roaches Run Weekly Update: March 4, 2016

**Response requested:** No

**Importance:** Normal

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Here is the inspection notes from Dominion. If you have any questions, please let Joe or me know.

Randy Chapman

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**From:** Jason P Ericson (Services - 6) [<mailto:jason.p.ericson@dom.com>]

**Sent:** Friday, March 04, 2016 7:11 PM

**To:** Glassman, Joseph (DEQ)

**Cc:** Chapman, Randy (DEQ); Pamela Faggert (Services - 6); Cathy C Taylor (Services - 6); Jason E Williams (Services - 6); John Black (VirginiaPower - 1)

**Subject:** Crystal Substation and Roaches Run Weekly Update: March 4, 2016

Mr. Glassman,

As requested in your February 23, 2016 letter, below is the weekly update for activities at the Crystal Substation and at Roaches Run/Gravelly Point. As we discussed this afternoon, we will send these to you by Friday each week. If you have any questions please contact John Black or me.

Thank you,

Jason

Jason P. Ericson, PG

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### **Crystal Substation Daily**

#### **Inspection Notes and Summary: March 4, 2016**

**Summary:** Overall we are seeing much less sheen at and around Gravelly Point. The sheen observed has been slowly dissipating. Absorbent boom at Gravelly Point is being changed out once per week as a precaution. The removed boom shows no signs of oil. The small pocket of emulsified oil being observed at Roaches Run has been contained by our absorbents placed at the mouth of the Outfall. These absorbents are also being changed out every week. We have plugged our discharge pipe going to the storm water drop inlet outside the station. Subsequent inspections of storm water drop inlet showed no signs of emulsified oil after plugging the Substation discharge pipe. Removal of the existing stormwater piping inside the Station has commenced and a re-design of the system, to include oil containment capability, will be installed.

Below you will find our daily observations for inspections at the Storm water drop inlet outside station, Roaches Run outfall, and Gravelly Point boat dock area.

**Monday 10:00 am February 22** – Storm water drop inlet outside station had a pocket of emulsified oil in front of boom, (this was pumped out and properly disposed). Outfall area at Roaches Run had small amount of emulsified oil in front of absorbent boom, but boom was still high in the water. Gravelly Point had some oil sheen at docks. All originally installed hard boom still in place and performing properly.

**Tuesday 10:30 am February 23** – Storm water drop inlet outside station had a pocket of emulsified oil in front of boom (this was pumped out and properly disposed). Outfall area at Roaches Run showed no signs of oil or sheen. Absorbent boom was still high in the water. Gravelly Point had spotty oil sheen at docks, but better than day before. All originally installed hard boom still in place and performing properly.

**Wednesday 7:15 am February 24** – Storm water drop inlet outside station had a pocket of emulsified oil in front of boom (this was pumped out and properly disposed). Outfall area at Roaches Run showed no signs of oil or sheen. Absorbent boom was still high in the water.

Gravelly Point had spotty oil sheen at docks. All originally installed hard boom still in place and performing properly.

**Thursday 11:30 am February 25** – Storm water drop inlet outside station had a pocket of emulsified oil in front of boom (this was pumped out and properly disposed). Outfall area at Roaches Run showed small patch of emulsified oil in front of absorbent boom. Absorbent boom was dirty but still high in water. Hepaco Environmental changed these absorbents and they were properly disposed. Miller Environmental changed out all absorbents at Gravelly Point. All originally installed hard boom still in place and performing properly. Discussed with DEQ removing several sections of hard boom as discussed at the Feb 17 Unified Command meeting. DEQ indicated they would like confirmation from the Coast Guard before the boom is removed

**Friday 10:30 am February 26** – Storm water drop inlet outside station had a pocket of emulsified oil in front of boom, (this was pumped out and properly disposed). Dominion decided to install an 8-12" pneumatic plug in our discharge pipe that entered the drop inlet. This was done as a precaution to prevent future migration of oil off site until the new drainage system is installed. Outfall area at Roaches Run had small amount of emulsified oil in front of absorbent boom, but boom was still high in the water. Gravelly Point had oil sheen at docks. All originally installed hard boom still in place and performing properly.

**Saturday February 27** – Storm water drop inlet outside station had no signs of oil or sheen visible. Outfall area at Roaches Run had small amount of emulsified oil in front of absorbent boom, but boom was still high in the water. Gravelly Point had spotty area of sheen visible. All originally installed hard boom still in place and performing properly.

**Sunday February 28** – Storm water drop inlet outside station had no signs of oil or sheen visible. Outfall area at Roaches Run had small amount of emulsified oil in front of absorbent boom, but boom was still high in the water. Gravelly Point had spotty area of sheen visible. All originally installed hard boom still in place and performing properly.

**Monday 11:00 am February 29** – Storm water drop inlet outside station had no signs of oil or sheen visible. Outfall area at Roaches Run had small amount of emulsified oil in front of absorbent boom, but boom was still high in the water. Gravelly Point had very little sheen evident. All originally installed hard boom still in place and performing properly. Placed a call the LT Ruhlig (USCG) to discuss the removal of the sections of hard boom at Gravelly Point. Left voicemail message.

**Tuesday March 1** – Storm water drop inlet outside station had no signs of oil or sheen visible. Outfall area at Roaches Run had small amount of emulsified oil in front of absorbent boom, but boom was still high in the water. Gravelly Point had very little sheen evident. All originally installed hard boom still in place and performing properly.

**Wednesday March 2** – Storm water drop inlet, Roaches Run outfall, and Gravelly Point showed no signs oil or sheen. All originally installed hard boom still in place and performing properly.

**Thursday March 3** – Storm water drop inlet outside station had no signs of oil or sheen visible. Outfall area at Roaches Run had all absorbent boom changed no signs of oil evident. Gravelly Point had no signs of sheen, and all the absorbent was changed out by Miller Environmental. Removed absorbents showed no signs of oil. All originally installed hard boom still in place and performing properly. As of COB today, we have not received a return call from the USCG regarding removal of the had boom sections at Gravelly Point.

Jason P. Ericson, PG

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